

ABSTRACT

In an impact-absorbing composite structure according to the present invention, an interlayer reinforcing area (13) is provided by using a needling (12) in the impact-absorbing composite structure, as an interlayer-strength improvement technique. A progress of the destruction is controlled, when an impact is applied, while absorbing the impact by self destruction. This enables to control the progress of the destruction while absorbing the impact by the self destruction when the impact is applied. As a result, a traveling body or a navigating body that employs the impact-absorbing composite structure has a good impact absorptivity.